

Shop Assembly Instructions

FOR MASONITE PERFORMANCE DOOR SYSTEM

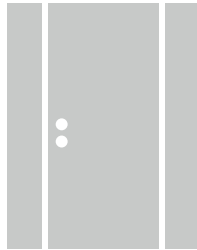


MASONITE.

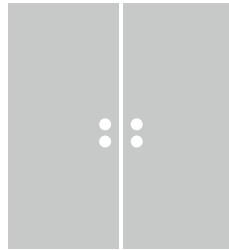
These instructions apply to the following door system configurations:



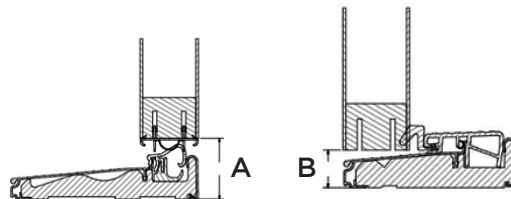
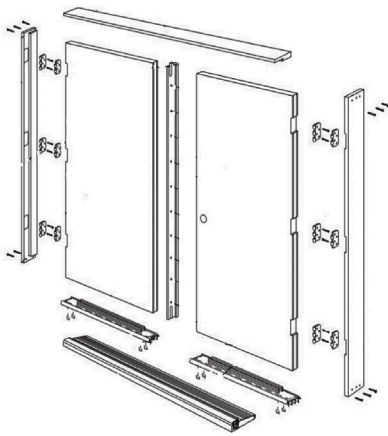
Single Door



Single With Sidelites



Double Door



Note: tolerance from bottom of sill to bottom of door panel

A) ZAC articulating sill (inswings) = 1-13/16"

B) ZOB sill (outswings) = 1"

Minimum required door system components:

• Masonite components:

- ▶ Fiberglass door panel
- ▶ Fiberglass sidelite panel (if applicable)
- ▶ Glass (if applicable)

• Endura components:

- ▶ FrameSaver jambs
- ▶ ZAC articulating sill (inswings)
- ▶ ZAC door bottom/sweep (inswings)
- ▶ ZOB bumper sill (outswings)
- ▶ Door top seal (outswings)
- ▶ PE650 weatherstrip
- ▶ Simple solution corner pads (inside parts bag)
- ▶ Ultimate astragal (double doors)

• Hinges (ball bearing recommended)

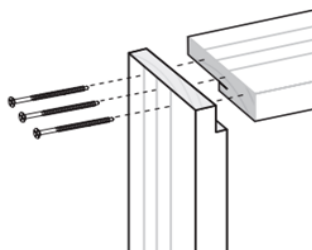
• Masonite branded slab label

• Masonite branded aluminum identifier label

Optional door system components:

- Endura FusionFrame jambs
- Masonite approved composite jambs

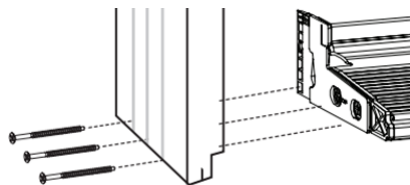
1 ATTACH JAMB HEADS TO JAMB LEGS



Use (3) #8 x 1-5/8" or longer screws to attach the header.

Optional: Use 7/16" x 2" 16-gauge crown staples

2 ATTACH JAMB LEGS TO SILL

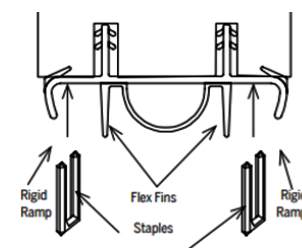


Use (3) #8 x 1-5/8" or longer screws to attach the sill.

Optional: Use (1) #8 x 1-5/8" or longer screws and (3) 7/16" x 2" 16-gauge crown staples.

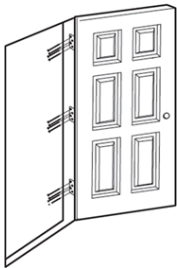
Note: Outswings sill use only (2) screws at each end

3 ATTACH SWEEP TO DOOR PANEL BOTTOM



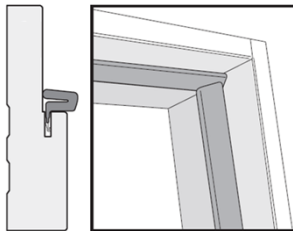
Use (2) 1/2" crown staples at each end in between the rigid ramps and flex fins.

4 SECURE HINGES TO DOOR PANEL AND DOOR JAMB



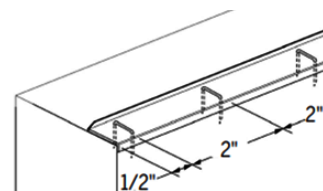
Use #10 x 1" screws for door panel and #10 x 3/4" screws for door jambs.

5 INSTALL WEATHERSTRIP



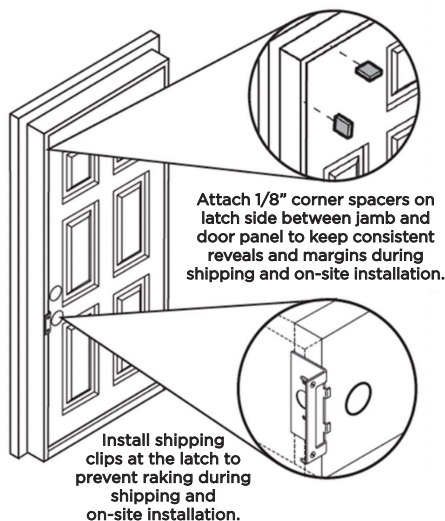
Insert weatherstrip into kerf slot of jamb. Ends should slightly touch frame or corresponding weatherstrip ends.

6 DOOR TOP SEAL (OUTSWINGS)

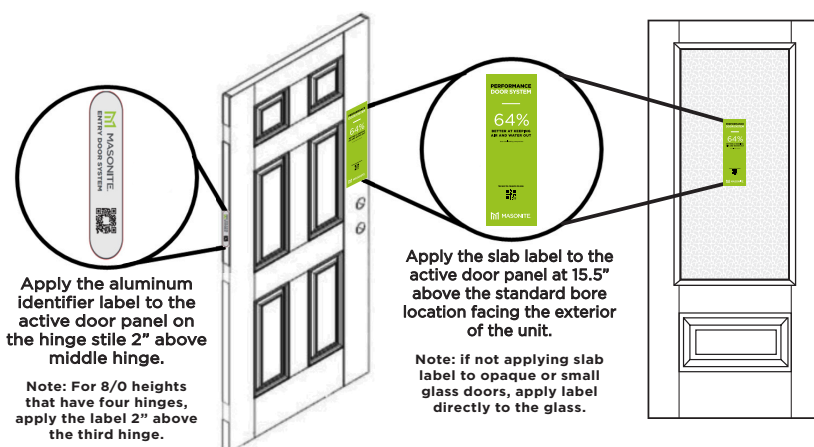


Use light gauge staples - staple 1/2" from each end and 2" on center thereafter.

7 CORNER SPACERS AND SHIPPING CLIPS

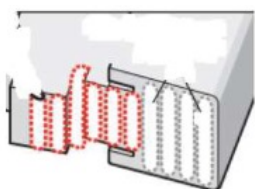


8 APPLYING LABELS



Additional Steps for Sidelites:

9 CAULKING MULLIONS

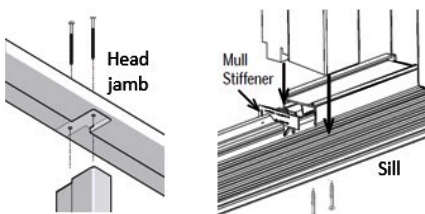


Caulk the bottoms of mullions.

Optional: Full or back-to-back mullions are applicable

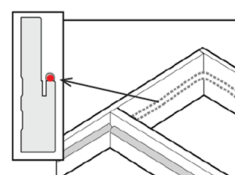
Note: Ensure adequate caulk at the mullion haunch location

10 ATTACH JAMB HEAD AND SILL TO MULLION

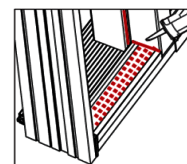


Use (2) #8 x 3" screws at both the top and bottom where head jamb and sill meet mullion.

11 CAULK AROUND FRAME AND SILL FOR SIDELITE PANEL

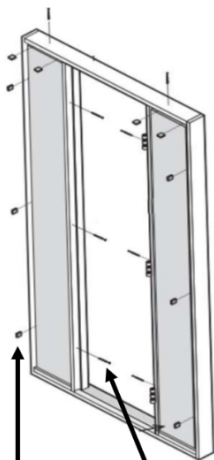


Apply a continuous bead of caulk around the frame stops.



Caulk sidelite spacer and add extra caulk in the kerf slot at each end.

12 SPACERS AND SECURING



1) Use 1/8" thick spacers between sidelite panel edges and frame

2) Secure sidelite panels with #8 x 2-1/2" screws along the mullions and head jamb

Note: For high wind zone application, apply #8 3" screws through sill into middle of sidelite bottom
1) at center and 2) evenly spaced

Additional Steps for Double Doors:

13 ASTRAGAL INSTALLATION

Ultimate Flip Lever™ Astragal

Prehanger Installation Instructions

Tools Required:

- Flathead Screwdriver
- Shears
- Phillips Screwdriver
- Tape Measure

Kit Includes:

- Full Astragal
- Full Length Trim Strip
- Screw Pack
- Field Pack

Screw Pack Includes:

- (8) #8 x 1" Screws
- (2) #8 x 1-1/2" Screws

POWERED BY ENDURA

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Product Reference Guide

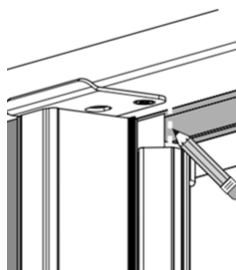
Rev. Date: 08-24-2017
©2017 Endura Products, Inc.
U.S. Patents: 9,097,043 and other patents pending
#211259-FLPREHINST

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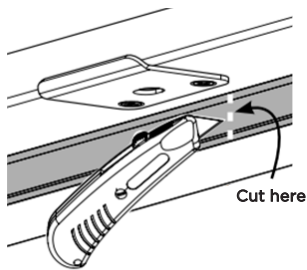
Refer to Endura's Ultimate Astragal installation instructions based on astragal type being used

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WEATHERSTRIP TRIMMING AT ASTRAGAL TOP



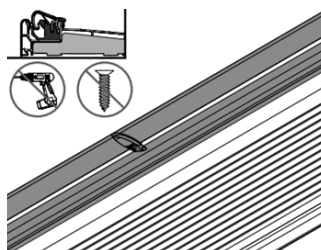
Mark header weatherstrip
at astragal cap



Cut weatherstrip
at mark

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ASTRAGAL BOLTS



Zac sills for inswings do not
require drilling as bolt receiver is
already installed. Engage bottom
bolt before shipping.